

The earth is a rock and geology is the pickaxe needed to crack it. Geology is a profoundly important subject as it is crucial to understanding the complex processes of the planet we live on.

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The ~~recent and~~ ongoing fluctuation of oil prices demonstrate the enormous effect geology can have on the world, politically and economically. Coal drove the industrial revolution and is driving China, the world's largest economy, at this very moment. This can be juxtaposed by the catastrophic disasters that are caused by the same processes that form these raw materials.

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Populations live in anxiety of natural disasters occurring. Geology has played a pivotal role in human history and will continue to do so as we hear about ever looming oil, gas and water

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~~crisis~~crises. My interest in the planet came about when I studies geography in high school, the broad range of subjects that we covered showed me how interesting the earth really is. Further reading such as 'A short history of nearly everything', 'Krakatoa' and 'The origin of the

continents and oceans' further fuelled my passion. Recent protests about the growing fracking industry in the UK have also made me think about the ethical issues involved in geology, is the destruction of the environment justified for economic gain? Is there a better solution? An

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extremely interesting article I read was the possibility of looking to space for ~~our~~ natural resources and the possibility of mining asteroids, demonstrating that geology will remain at the forefront of science as we start to look up rather than down. My A-level choices of, (Biology,

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Chemistry, Maths and Physics) further reflect my desire to study earth sciences and have helped me to further understand earth sciences. I have particularly enjoyed the statistics side of the

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maths curriculum as it is very logical and methodical. The skills I learnt allow me to interpret graphs and data and analyse reports from different perspectives. Learning about stress, strain and seismic waves in physics helped me to understand the basic concepts of tectonic plate movements and why they can be so deadly. Chemistry has fuelled my interest in the fundamental

composition^s of different minerals and materials, studying about different bonds and structures and the amazing shapes they can create has been fascinating. I also carried out a 10 month chemistry investigation which developed my lab techniques and gain knowledge in writing an investigation. Additionally I also completed the extended project qualification that further honed my report writing skills. During my spare time I volunteer at a hospice on a Saturday night as well as volunteering at a charity shop on Saturdays. Helping out in my community has been a rewarding experience. I have also been employed at a restaurant as a waiter and a shop assistant which I love, as I thrive off the high stress environment, which and it has enabled me to develop my time management and social skills. I keep fit by playing football for a local team and attend the gym multiple times a week. I look forward to the challenges that being an earth sciences student would bring. I know my capacity for hard work and passion for scientific knowledge would make me a perfect student and help establish a lifetime of further learning in a fulfilling and gratifying vocation.

-Overall, this does a great job explaining your interest in Geology, and provides insight into valuable skills you have learned that can cross over into success in an academic setting and beyond. It's great that you enjoyed statistics, as that will likely prove to be a useful field later on, though I never took a statistics class through my undergrad.

Commented [CN5]: Try "report writing abilities"

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